Secretary Rusk's Report Dealing With the Nation's Agricultural

Development.

How the Results of the Department's Work is Given to the Public.

Rapid Development of Rocky Wountain Districts Beet Sugar Experiments Pleuro-Pneumenia.

WASHINGTON, Nov. 4.- The annual report of the secretary of agriculture deals at length with certain plans for a thorough reorganization of the department and suggests several new features in the interest of the development of agriculture. The report calls attention to the fact that the first efforts towards reorganization were hampered because of the fact that the appropriations for the current fiscal year were made entirely upon a basis of the old organization, no account being taken of the entire change in its government. The secretary anticipates the cost of his plan of organization in his estimate for the forthcoming fis cal year, at \$1,350,000. He says the aggregate sum asked for in his estimates must not be measured by what is past, but what a great agricultural country should do towards sustaining, protecting and promoting the calling which lies at the foundation of its prosperity and power. A striking contrast is drawn between this amount and the appropriation for agriculture made by these countries which, the report says are most active competitors of American farmers in the world's market. A comparison shows Great Britain appropriates for agriculture \$1,500,000, Germany \$2,850,000, Brazil \$20,000,000 for agriculture and mines, France \$8,000,000 and Austria more than \$4,000,000. The problem of getting the results of the work done by the department more promptly before the people has been solved by the establishment of a new division, which furnishes promptly to the agricultural and commercial press a synopsis of the main points of every bulletin and report published. The division of statistics is dwell upon at some length. Of the crop reporting system, he says: "While approximate, it is in danger of becoming discredited by popular acceptance of its result as exact in precision ing which lies at the foundation of its pros-

acceptance of its result as exact in precision in this instance and absolute in authority. It should be remembered they are not the conclusions of a thorough census; that they are consolidations of the local estimates of agricultural experts, and are intended as a foil to interested, biased and untruthful statements that speculators i sue to mislead their victims

"The rapid development of agriculture in the Rocky Mountain districts," the secre tary says, "will surprise the eastern states with new views of the wealth and progress of the great American desert of the recent past." Suggestions in regard to this division are an extension of local sta-tistical work and the enlargement of the crop reports of state statisticians by the appointment of one in every state. A comprehensive plan of agricultural surveys of the states and territories is also suggested, to be pushed as rapidly as the available means will permit. The intention is expressed to adopt some method by which country correspondents can be utilized to secure a representation of the department at state and country fairs.

The condition of the sugar industry is re-viewed in detail and the results declared of a mixed character, in some cases yielding well, and in the other cases proving disappointing. Special atten-tion is to be given to the development of varieties of sorghum containing a of varieties of sorgaum containing a higher proportion of available sugar. Im-portant progress has already been made in this direction. Many localities in the United States, especially in the north and on the Pacific coast, are known to be spe-cially suitable to the production of the sugar beet, rich in saccharine matter. Interest in this subject by successful experiments in California will be met by the publication during the coming winter of a full report on the beet sugar industry in the United States. The botanical department is to be specially occupied in an effort to solve the problem of increasing the forage yield of 300,000,000 acres of the arid region outside of possible irrigation by promoting the productiveness of the grasses now growing there. In regard to textile fabrics, the question now occupying the attention of the department is the utilization of flax, jute, ramie and other fabrics. The report urges it is the duty of the government to assume a more definite supervision of such assume a more definite supervision of such forest areas as are still owned by it, and as they occupy a position of importance in the regulation of water flow and other climatic conditions, and emphasizes the importance of the relations which forests bear to the

of the relations which forests bear to the problem of irrigation in arid lands, and of their tunnense annual product.

A special investigation was ordered a few months ago, through the pomelogical division to secure information regarding fruits grown naturally in the unsettled portion of the country as an aid to determining the most suitable varieties of our cultivated kinds for crowth in that yast region.

kinds for growth in that vast region.

The subject of agricultural organizations is dwelt upon—earnestly, their astonishing growth during the past few years being cited as a strong evidence of the growth of a spirit of self help among the farmers. Farmers institutes are referred to particularly as one of the greatest movements in the history of agricultural education, rep the history of agricultural education, represented by our system of agricultural colleges and experiment stations. The secretary recommends, without going into details that the department should be empowered to afford aid and encouragement to this work.

In regard to the bureau of animal industry, but the content of the particular of the content of

try, pleuro-pneumonia is first noticed.
The situation has been regarded as most encouraging. The disease is now effectually under control and restricted to King and Queens counties, in New York state, to New Jersey, and a limited section in Pennsylvania and Maryland. A a careful review of the field still infected a careful review of the field still infected justifies, in the secretary's opinion, the most sanguine hope in regard to the cradication of the disease. Texas fever is generally spread through the channels of interstate commerce and therefore can only be effectually controlled by the federal government, hence the necessity of legislation which shall be ample and clearly defined. The language used by Secretary Rusk in regard to a national meat inspection law is pointed and vigorous. The necessity for inspection at the time of slaughter, he says, is first to enable the authorities to promptly locate any cattle diseased centres, and secondly, to avoid the anomaly of leaving the inspection of our own meat products to the officials of other countries, thus giving foreign governments some show of reason for the claim that they have better opportunities for learning they have better opportunities for learning of disease among American cattle than are of disease among American cattle than are enjoyed by our own government. The authority and means are also desired to enable the department to exercise close supervision of the economic side of the cattle markets, the characteristics of stock commanding the highest prices, variations as to age, weight and quality, and all facts bearing upon the cattle industry, which will enable the bureau to supply to farmers such information as it is impossifarmers such information as it is impossi-ble for them to obtain for themselves, Sheep and wool receive special considera

be greatly encouraged.

As to wool growing, the reduction of the tariff in 1883 is earnestly deplored. To it is attributed the great reduction in the number of sheep, which has since then fallen of about 7,000,000 head, while the imports of wool have increased from 78,70,651 pounds in 187 122,871,123 paureds the past year.

Figures are submitted showing the limit portance of agriculture, which produces an annual yield of nearly \$4,000,000,000.

annual Y.eld of nearly \$4,000,000,000, employing on 5,000,000 farms 10,000,000 persons, representing a population of 20,000,000 people, while the value of livestock alone is people, while the value of livestock alone is estimated at \$2,507,000. Referring to the agricultural depression the report does not undertake the delicate duty of legislators in diagnosing the causes and analyzing proposed panaceas, but the right of the farmer to the fullest enjoyment, compatible with the rights of his fellow citizens, of the benefit of the protective system, which is the rock-rooted principle of the republican party, is earnestly insisted upon. For all such articles as our own soil can produce the farmer justly asks for the protecduce the farmer justly asks for the protection which will insure to him all the bene

fits of our home market.

The secretary closes his report with this earnest exhortation: "The great nations of Europe strain every nerve to make science the handmaid of war; let it be the glory of the American people to make science the handmaid of agriculture."

It is astonishing how rapidly the feeble and debilitated gain strength and vigor when taking Ayer's Sarsaparilla. For what are called "broken-down constitutions," nothing else has proved so effective as this powerful and perfectly safe medicine.

When Baby was sick, we gave her Castoria When she was a Child, she cried for Castoria, When she became Miss, she clung to Castoria, When she had Children, she gave them Castoria

should use Ayer's Hair Vigor as a dressing. It keeps the scalp clean and cool, and is by far the most exquisite

cool, and is by far the most exquisite tollet preparation in the market.

B. M. Johnson, M. D., Thomas Hill, Mo., savs: "I have used Ayer's Hair Vigor in my family for a number of years, and regard it as the best hair preparation I know of. It keeps the scalp clean, the hair soft and lively, and preserves the original color. My wife has used it for a long time with most satisfactory results."

satisfactory results."

Mrs. S. A. Rock, of Anderson, Texas, writes: "At the age of 34, in Monroe, La., I had a severe attack of swamp, or malarial, fever. After I got well my hair commenced coming out, and so continued until it had well nigh all gone. I used several kinds of hair restorers, but they did no good. A friend gave me a bottle of Ayer's Hair Vigor. Before finishing the first bottle my hair began to grow, and by the time I used three bottles, I had a fine head of hair."

Ayer's Hair Vigor,

Dr. J. C. Ayer & Co., Lowell, Mass. Sold by Druggists and Perfumers

The Gelebrated French Gure "APHRODITINE"



POSITIVE GUARANTEE



through wouthful indiscretion, over indua-nce &c., such as loss of Brain Power. Wakefu-less Bearing down Paus in the Back, Semina Venkness Hysteria Narvous Prostration Nocture Emissions, Lencorrhoss, Dizziness Weak New rv Loss of Fower and Impotency which it as sected offer lead to premating old age and insaected offet and to premature old age and insa-v Price \$1.00 a box 5 boxes for \$5.00 Sent t all on recept of pace. A WRITTEN GUARANTE E tor every Si-

re is not effected. Thousands of testimonie on oldaria voung of both sexes, permanen-THE APHRO MEDICINE CO PORTLAND OF

WENDEL & STEIN'S

Bakery. Francisco Formerly M. Reinig's.

First-Class Quality of

Bread, Pies and Cakes Promptly Delivered

To any part of the city on short notice. No. 105 Bridge street, one door above M. Reinig's. Branch Store at Cor. Sixth Avenue and Park.

WEAK MEN Debilitated thro MEN ONLY OF ENVIRONMENT AND THE PROPERTY OF ENVIRONMENT AND THE PROPERTY OF TH SANDEN ELECTRIC CO. SKINNER SLOCK BENVER, COL

GLOVE-FITTING CORSETS STILL AHEAD Thompson's Improved Glove Fitting Corsets



Smooth Flat Seam To* avoid, discomfort, caused by the Lapped Seam formerly used.

Are now made with Our

ARE MORE POPULAR THAN EVER

A Perfect Fit, with ab-olute Comfort now naranteed. TWELVE GRADES.

The Best Goods, Most Comfortable to the rearer, and Chespest for Quality. For Sale by BRUNELL & CO., and NEW YORK DRY GOODS STORE. LANGDON, BATCHELLER & CO., Successors to Thompson, Langdon & Co.)

Sole Manufacturers'

tion in the report. The growth of the nutton industry is referred to as one to be be greatly encouraged.

SPECIAL SALE THIS WEEK

Ladies' and Children's Underwear. Children's White Merino Ladies' Wool Ribbed Ladies' Medicated Scarlet Ladies' Saxony Wool Ladies' Sanitary Natural Wool Children's Sanitary Natural Wool: Boys' and Men's Uniaundried White Shirts, 50c.

: 60c Ladies' Wool Hose \$1.00 Ladies' Wool Hose (better) 1.00 Ladies' Wool Hose 1.25 Ladies' Wool Hose : 50c to 90c Misses' and Children's Hose

Ladies' and Children's Hose. 50c to \$1.00

Fire

Men's Merino Underwear, 50 Cents. Men's Natural Grey Underwear, 75c. Children's Cloaks, \$1.75 and upwards.

KOHLBERG & CO., 5 NORTH MAIN STREET.

Headquarters

Lawn Mowers, Sprinklers and Garden Hose.

MECHANICAL TOOLS Of Every Description.

BELTING & PACKING. Iron Pipe and Fittings.



CABINET AND BUILDERS' HARDWARE.

Nitro Glycerine, Dynamite and all High Explosives. 113 NORTH MAIN STREET.

Helena Lumber Co.,

Rough and Finishing Lumber and Factory Work.

Orders by Mail will receive Prompt attention. Correspondence solicited. Yard and Factory near Northern Pacific Depot.

H. TONN,

3 North Main Street, Helena

MILLINERY AND FANCY GOODS.

Untrimmed Hats for Ladies Misses and Child-ren—the assortment the Largest and Most ———Complete of any in the City, and

PRICES THE LOWEST. TRIMMED MILLINERY.

Our Millinery Department is Filled with the Latest Designs in Round Hats, Bonnets, Toques and Turbans. Novelties in all the Latest, Mil-linery Trimmings, etc. Infants Outfits a Spe-cialty. H. TONN.

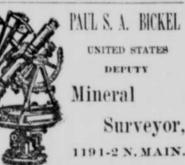
Agents for Butterick's Patterns and Hall's Bazar Forms.

FINE FURS. Fred Stolba Fur Co. Established Since 1866.

178, WABASH AVE. - CHICAGO.

Seal Garments in New and Exclusive

desgns, and Perfect in Fit. Orders and measures left at the Helena Corset and Kid Glove Parlors will receive Prompt and Personal Attention. PAUL S. A. BICKEL



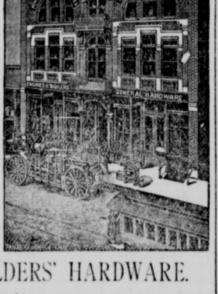
DANIEL HANLEY & CO.,

Oranges, Lemons and Apples, FOREIGN AND DOMESTIC

Dried Fruits and Nuts, Cigars and Tobaccos SPECIALTIES - Crescent Creamery Butter Eggs, Cheese, Vegetables and Montana Packing House Products.

A. H. NELSON, Land and Mining Atty.

Seven Years Experience in the General Land Office at Washington, D. C. ROOM 8, ATLAS BUILDING. · · · Helena, Montana



J. L. SMITH,

HELENA, MONTANA.

All kinds of merchandise and other freights, acluding ores, promptly transferred from the

depot.

Office at J. Feldberg's Store and at the depot.

UTAH ASSAY OFFICE

CHEMICAL LABORATORY.

J. T. GOVE,

HELENA. - - - MONTANA.

MACH ASTICTPUSS STATEMENT STORY

OMANA Meurost, esuncidal

INSTITUTE.

N. W. COR. 13TH & DODGE STR., OMAHA, NEB.

THATE LATELY ADDED A LYING-IN DEPARTMENT FAREN DURING CONFINEMENT. STRICTLY PRIVATE.

Ty Reliable Medical Institute making a Specialty

PRIVATE DISEASES

BOOK TO MEN, FREE: Upon

OMAHA MEDICAL & SURGICAL INSTITUTE, OMAHA, NEE.

MANUFACTORY IN WEST OF

DEFORMITY

APPLIANCES,

TRUSSES.

RUPTU

A. M. Holter Hardware Co. CLARKE, CONRAD& CURTIN

WHOLESALE AND RETAIL DEALERS IN

HEAVY, SHELF,

Iron, Steel, Horse and Mule Shoes, Horse Nails, Steel Nails, Mill Supplies, Blacksmith's Goods. Hose, Belting, Tinners' Stock, Carpenter's Tools, Force and Lift Pumps, Gas Pipe and Fittings.

Sole Agents for the

Celebrated "Superior" and Famous "Acorn" COOKING & HEATING STOVES.

and W. G. Fisher's Cincinnati

Hotel: and: Family: Wrought: Iron: Ranges. Centennial Refrigerators, Ice Chests, Water Coolers,

Ice Cream Freezers, Wood and Willoware, Glass and Queensware, English and American Cutlery, French and American Mirrors, Plumbers' Goods and Supplies, House Furnishing Goods, Etc.

Everybody respectfully invited to inspect the Largest and most Complete Stock of

HARDWARE IN THE NORTHWEST!

Orders from the Country Solicited and Promptly Shipped. Respectfully,

Clarke, Conrad & Curtin.

HOULE BROS.,

Sawed and Split Wood. Freight Transfer Line,

313 Sixth Ave., Corner Ewing, at Old Government Corral.

Wood Sawing by Steam done on short notice, from half cord up to any amount Kindlings furnished on short notice.

THE FAMOUS SILURIAN WATER,

WAUKESHA, WIS. A Car Load Just Received by

BACH, CORY & CO., Sole Agents.

HELENA. BOZEMAN. A. J. DAVIDSON & CO.,

BAIN WAGONS, SLEIGHS, AND BOB SLEDS. A General Line of

AGRICULTURAL IMPLEMENTS.

Hay and Grain in Car Lots a Specialty.

SAND COULEE COAL DOES NOT SLACK, When Exposed to the Air, AS MOST ALL OTHER SOFT COAL DOES.

CHRONIC & SURGICAL DISEASES

APPLIANCES FOR DEFORMITIES AND TRUSSES
Beat Face. S. Apparatus and Remedies for Succession.

Treatment of every form of Disease requiring
MEDICAL or SURGICAL TREATMENT.

NINETY ROOMS FOR PATIENTS.
Beard & Attendance. Best Accommodations in West,
C.J. WRITE FOR CIRCULARS on Deformities and
Braces. Trusses, Club Feet, Jurvatures of Spine, Files
Tumors, Cancer, Cotarrb, Bronchitis, Inhalation,
Electricity. Faralysis, Epilepsy, Kidney, Bladder,
Eye, Ear. Skin an i Blood and all Surgical Operations.

DISEASES OF WOMEN A SPECIALTY. Book on
BISEASES OF WOMEN A SPECIALTY. Book on
BISEASES OF WOMEN A SPECIALTY. large portion of this Coal is similar to Anthracite in character, and does not fil the room with soot. Ask your dealer for the Sand Coulee Coal or apply to S. F. SHANNON, Agent.

Office-Montana Central Depot.

ARTHUR P. CURTIN,

Furniture, Carpets, House Furnishing Goods, WALL PAPER.

Having leased the two upper floors of the Davidson block and connected the same with our already immense salesrooms, we now occupy four entire floors, extending through the whole block from Jackson to Main street, stocked thoroughly with goods of every grade and at prices that defy competition. Every purchase made strictly for cash, directly from first hands, and shipped in car loads only. An examination of goods and comparison of prices solicited.

Music Department:

Pianos, Organs and Musical Merchandise, Etc.